

13 MAY 2003

10/534702
International application No.

PCT/NO 2003/000364

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: C07C 67/03, C11C 3/02, C11C 3/06, C07C 69/52, C07C 69/587, C12P 7/64
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: C07C, C11C, C07C, C12P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, CHEM. ABS DATA

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	Journal of the American Oil Chemists' Society, Volume 75, no. 11, 1998, Gudmundur G. Haraldsson et al: "Separation of Eicosapentaenoic Acid and Docosahexaenoic Acid in Fish Oil by Kinetic Resolution Using Lipase", page 1551 - page 1556 --	1-19
X	Journal of the American Oil Chemists' Society, Volume 74, no. 11, 1997, Harald Breivik et al: "Preparation of Highly Purified Concentrates of Eicosapentaenoic Acid and Docosahexaenoic Acid", page 1425 - page 1429 --	1-19
X	WO 0073254 A1 (JFS ENVIROHEALTH LTD.), 7 December 2000 (07.12.2000) --	1-19

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

3 February 2004

Date of mailing of the international search report

10-02-2004

Name and mailing address of the ISA/
Swedish Patent Office
Box 5055, S-102 42 STOCKHOLM
Facsimile No. + 46 8 666 02 86

Authorized officer

Eva Johansson/EÖ
Telephone No. + 46 8 782 25 00

INTERNATIONAL SEARCH REPORT

International application No.

PCT/NO 2003/000364

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	Journal of Chromatography A, Volume 704, 1995, Olivier Bousquet et al: "Counter-current chromatographic separation of polyunsaturated fatty acids", page 211 - page 216 --	1-19
A	DATABASE WPI Week 199432 Derwent Publications Ltd., London, GB; Class A88, AN 1994-260804 & JP 61 92683 A (SHOKUHIN SANGYO HIGH SEPARATION SYSTEM), 12 July 1994 (1994-07-12) --	1-19
A	STN International, File CAPLUS, CAPLUS accession no. 1992:406541, Document no. 117:6541, Tanaka, Yukihisa et al: "Preparative separation of acylglycerol by centrifugal partition chromatography (CPC). II. Concentration of EPA (eicosapentaenoic acid) and DHA (docosahexaenoic acid) from lipase-hydrolyzed fish oil"; & Yukagaku (1992), 41(4), 312-16 --	1-19
A	Journal of the American Oil Chemists' Society, Volume 74, no. 11. 1997, Gudmundur G. Haraldsson et al: "The Preparation of Concentrates of Eicosapentaenoic Acid and Docosahexaenoic Acid by Lipase-Catalyzed Transesterification of Fish Oil with Ethanol", page 1419 - page 1424 --	1-19
A	WO 9524459 A1 (NORSK HYDRO A.S.), 14 Sept 1995 (14.09.1995) -- -----	1-19

INTERNATIONAL SEARCH REPORT

Information on patent family members

24/12/2003

International application No.

PCT/NO 2003/000364

WO	0073254	A1	07/12/2000	AU	5377400 A	18/12/2000
				EP	1100764 A	23/05/2001
				JP	2003500082 T	07/01/2003

WO	9524459	A1	14/09/1995	AU	686348 B	05/02/1998
				AU	1963995 A	25/09/1995
				CA	2185018 C	19/12/2000
				CN	1143384 A	19/02/1997
				DE	69509756 D,T	02/12/1999
				EP	0749468 A,B	27/12/1996
				ES	2133752 T	16/09/1999
				GB	9404483 D	00/00/0000
				HU	76707 A	28/10/1997
				HU	9602440 D	00/00/0000
				JP	9510091 T	14/10/1997
				NO	964400 A	16/10/1996
				NZ	282508 A	22/09/1997
				RU	2151788 C	27/06/2000
				US	5945318 A	31/08/1999
				ZA	9501867 A	11/12/1995